

Claims:

1. A coating composition for metal capable of being formed into a container, said coating composition comprising:
 - a) a polyester resin in the amount of 20-50% by wt.;
 - b) a resol resin in the amount of 1-15% by wt. and comprising a condensation product made from a phenol or homologue thereof and formaldehyde; and
 - c) a solvent component in the amount of 35-79% by wt., all foregoing weight percentages being based on the total weight of the coating composition; and

the coating composition being substantially free of bisphenol-A-diglycidyl ether, bisphenol-F-diglycidyl ether, homologues thereof, and polyvinyl chloride.
2. The coating composition of claim 1 further comprising at least one lubricant.
3. The coating composition of claim 2 wherein said lubricant comprises polyethylene, polypropylene, tetrafluor ethylene or a mixture of these.
4. The coating composition of any claims 1-3 wherein said polyester resin comprises trimethylolpropane in the amount of 0.1-10% by wt., neopentylglycol in the amount of 15-30% by wt., at least one other polyol in the amount of 5-20% by wt., a phthalic acid in the amount of 20-60% by wt., and adipic acid in the amount of 10-35% by wt.

5. The coating composition of any of claims 1-4 wherein said resol resin is a condensation product made from phenol, butyl phenol, cresol, xyleneol, bisphenol A, or a mixture thereof.
6. The coating composition of claim 5 wherein said resol resin comprises bisphenol A, butyl phenol, and xyleneol or a mixture thereof.
7. The coating composition of any of claims 1-6 wherein said solvent comprises an aromatic hydrocarbon, a glycolether/glycolether acetate, n-butanol, an aromatic hydrocarbon, a glycolether/glycolether acetate, an alcohol, an ester, or a mixture thereof.
8. The coating composition of any of claims 1-7 comprising: a polyester resin dispersed in a solvent (20-50% by wt.); a resol resin dissolved in a solvent (1-15% by wt.); a lubricant in solid form dispersed in at least one solvent (0.1-2% by wt.); an acidic catalyst (0-2% by wt.); and said solvent or solvents being operative to solvate said resins and lubricant, all percentages based on the total weight of the coating composition.
9. The coating composition of claim 8 wherein said polyester and said resol resin are combined together using at least two different solvents.
10. The coating composition of any of claims 1-9 wherein said coating is coated onto a metal substrate.

11. The coating composition of claim 1 wherein said polyester resin comprises trimethylolpropane and neopentylglycol; said resol resin comprises a condensation resin made from a phenol or phenolic homologue and formaldehyde; at least one lubricant comprising polyethylene, polypropylene, PTFE, lanoline, carnauba wax, petrolatum, or a mixture thereof; and at least two different solvents.
12. The coating composition of claim 11 wherein at least one of said two different solvents comprises an aromatic hydrocarbon type solvent.
13. The coating composition of any of claims 1-12 wherein said composition comprises at least two different solvents having different boiling ranges.
14. A coated metal substrate comprising a metal sheet having the coating composition of any of claims 1-13.
15. A coated can body having the coating composition according to any of claims 1-13.
16. The coating composition of claim 1 further comprising at least one catalyst.